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(81) Designated States *(national)*: AU, CA, JP, US.

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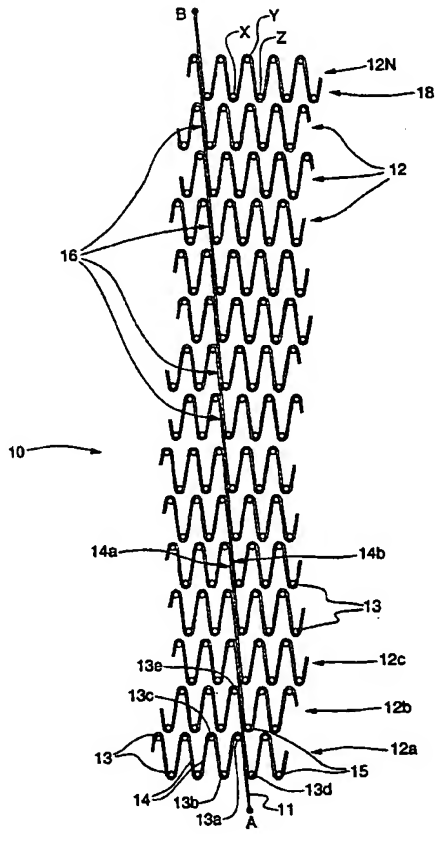
(54) Title: INTRALUMINAL STENT



(57) Abstract: This invention is an intraluminal stent (10) made of a zigzag or sinusoidal member defining a successive series of struts (14) connected by apex sections (15), and formed into a series of axially displaced hoop members (12a-12n) wherein at least one of the hoop members has at least one strut (14) connected to a strut (14) of an adjacent hoop. The connected struts (14) may be connected by spot welding, continuous welding, or suturing, for example, or by a bridging member (26) connected to each strut (14), and may be spaced along the length of the stent in a pattern to form a connective spine (16). The number of zigs of the zigzag member in each hoop member (12a-12n) may be varied, as can the zig length (L1). A plurality of connective spines (16) may also be included.

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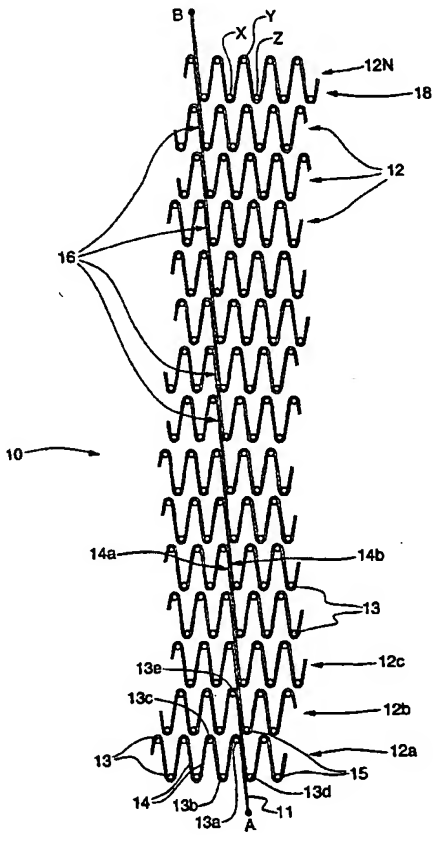

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